

**Abstract**

5 A process for the hydrogenation of an organic compound containing at least one carbonyl group comprises bringing the organic compound in the presence of hydrogen into contact with a shaped body which can be produced by a process in which

10 (i) an oxidic material comprising copper oxide, zinc oxide and aluminum oxide is made available,

(ii) pulverulent metallic copper or pulverulent cement or a mixture thereof is added to the oxidic material, and

15 (iii) the mixture resulting from (ii) is shaped to form a shaped body.

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